

CLAIMS

1. A method for gathering information about a system, said method comprising the steps of:

a user logging on to said system, and in response, computer programming automatically performing the following steps:

identifying application instances executing in said system;

determining whether said system is configured for high availability;

determining whether each of the identified application instances is configured for high availability;

determining if said system is a node of a cluster of systems; and

compiling and displaying a unified report of information resulting from the foregoing steps.

2. A method as set forth in claim 1 wherein said programming automatically performs said steps within ten seconds of said user logging on.

3. A method as set forth in claim 1 wherein said computer program automatically performing the following additional step in response to the step of logging on:

identifying message brokers in said system; and wherein said report includes information resulting from the message broker identifying step.

4. A method as set forth in claim 1 wherein when said system and an application instance are both configured for high availability, said report includes advice that related systems need similar updates.
5. A method as set forth in claim 4 wherein when said system and an application instance are both configured for high availability, said report includes advice that related systems need similar scheduler utilities or exits.
6. A method as set forth in claim 1 wherein the step of determining if said system is a node of cluster of systems comprises the steps of:
- determining if an operating system in said system is a type which supports said system being a node in a cluster of systems, and if so, searching for a configuration file, associated with said operating system, indicating whether said system is a node of a cluster of systems; and
- if said configuration file is found, determining different names of said system in said cluster of systems indicated by said configuration file, and
- if said configuration file is not found, determining a single name of said system.
7. A method as set forth in claim 1 wherein said computer programming executes in said system, and is automatically invoked by an operating system within said system after said user logs on to said system.
8. A computer program product for gathering information about a system, said computer program product comprising:

a computer readable medium;

first program instructions to identify application instances executing in said system;

second program instructions to determine whether said system is configured for high availability;

third program instructions to determine whether each of the identified application instances is configured for high availability;

fourth program instructions to determine if said system is a node of a cluster of systems; and

fifth program instructions to compile and display a unified report of information resulting from the foregoing steps; and wherein

said first, second, third, fourth and fifth program instructions are automatically invoked in response to a user logging on to said system and are recorded on said medium.

9. A computer program product as set forth in claim 8 wherein said first, second, third, fourth and fifth program instructions are automatically executed within ten seconds of said user login on.

10. A method for gathering information about first and second systems operated from a common management console, said method comprising the steps of:

a user logging on to said first system in a first session, and in response, first computer programming automatically performing the following steps:

identifying application instances executing in said first system;

determining whether said first system is configured for high availability;

determining whether each of the identified application instances in said first system is configured for high availability;

determining if said first system is a node of a cluster of systems;

compiling and displaying a first, unified report of information resulting from the foregoing steps performed for said first system; and

said user logging on to said second system in a second session, and in response, second computer programming automatically performing the following steps:

identifying application instances executing in said second system;

determining whether said second system is configured for high availability;

determining whether each of the identified application instances in said second system is configured for high availability;

determining if said second system is a node of a cluster of systems; and

compiling and displaying a second, unified report of information resulting from the foregoing steps performed for said second system.

11. A method as set forth in claim 10 wherein:

said first computer programming executes in said first system, and is automatically invoked by a first operating system within said first system after said user logs on to said first system; and

said second computer programming executes in said second system, and is automatically invoked by a second operating system within said second system after said user logs on to said second system.